



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Contract Award for Well #11-R Pump and Motor, 824 East Turner Road

MEETING DATE: March 20, 1991

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the contract for the above project to Pump Repair Service Company in the amount of \$24,670.00.

BACKGROUND INFORMATION: This project is for the purchase and installation of pumping equipment for the new water well at 824 East Turner Road. The equipment will include a 100-horsepower electric motor and pump capable of pumping approximately 1,300 gallons per minute.

Each bidder was also required to submit information necessary to perform a pumping cost analysis. This cost analysis considers the bid price, the efficiency of the pump and motor, the friction losses through the pump, and power costs to obtain a comparison of each pump's cost of use. See Exhibit A.

The higher first cost bid is recommended because the economic analysis of energy use showed this equipment to be more efficient and will more than offset the higher initial bid price.

Plans and specifications for this project were approved on February 6, 1991.

The City received the following two bids for this project:

<u>Bidder</u>	<u>Location</u>	<u>Bid</u>
Engineer's Estimate		\$21,540.00
Kirby Pump and Mechanical, Inc.	Rancho Cordova	\$22,891.00
Pump Repair Service Company	San Francisco	\$24,670.00


APPROVED: _____

THOMAS A. PETERSON
City Manager

CC-1

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FUNDING: Originally Budgeted: 1989/90
Budgeted Fund: Water Capital Outlay
Total Project Estimate: \$25,500 (this phase)
Bid Opening Date: 2/20/91



Jack L. Ronsko
Public Works Director

Prepared by Mark Lindseth, Associate Civil Engineer

JLR/ML/mt

Attachments

cc: Purchasing Officer
Water/Wastewater Superintendent

RESOLUTION NO. 91-44

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE CONTRACT FOR WELL #11-R PUMP AND MOTOR,
824 EAST TURNER ROAD

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on February 20, 1991 at 11:00 a.m. for the contract for Well #11-R Pump and Motor, 824 East Turner Road, described in the specifications therefor approved by the City Council on February 6, 1991; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as follows:

<u>Bidder</u>	<u>Location</u>	<u>Bid</u>
Kirby Pump and Mechanical, Inc.	Rancho Cordova	\$22,891.00
Pump Repair Service Company	San Francisco	\$24,670.00

WHEREAS, each bidder was also required to submit information necessary to perform a pumping cost analysis. This cost analysis considers the bid price, the efficiency of the pump and motor, the friction losses through the pump, and power costs to obtain a comparison of each pump's cost of use as shown on Exhibit A attached hereto; and

WHEREAS, the higher first cost bid is recommended because the economic analysis of energy use showed this equipment to be more efficient and will more than offset the higher initial bid price; and

WHEREAS, the City Manager recommends that award of the contract for Well #11-R Pump and Motor be made to the higher first cost bidder, Pump Repair Service Company;

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that award of contract for Well #11-R Pump and Motor, 824 East Turner Road be and the same is hereby awarded to Pump Repair Service Company, the higher first cost bid in the amount of \$24,670.00.

Dated: March 20, 1991

I hereby certify that Resolution No. 91-44 was passed and adopted by the City Council of the City of Lodi in a regular meeting held March 20, 1991 by the following vote:

Ayes: Council Members - Pennino, Pinkerton, Sieglock, Snider
and Hinchman (Mayor)

Noes: Council Members - None

Absent: Council Members - None

Alice M. Reimche
Alice M. Reimche
City Clerk

Exhibit A

Well 11R Pump & Motor Total Cost Analysis

Power Cost: \$ 0.10010 per Kwhr

Bidder	Pump Mfr/Model	Bid Price	T. Fiel	Flow	Brake	Field	Motor	Overall	Input	Pumping	Power	Total	Rank
Rank based on first cost	No. days delivery	Mnt/Lab/War/Tot	Head	(gpm)	HP	Eff.	Eff.	Eff.	Kw	Hours	Cost	Cost	
Kirby's Pump Inc.	Peerless 14MC /11	\$ 21,341.00	244	1200	102.47	0.722	0.940	0.678	81.32	3472			
1	60	1,000.00	227	1450	109.54	0.759	0.940	0.713	86.93	2874			
		550.00	200	1710	111.19	0.777	0.940	0.730	88.25	2437	\$ 74,795		
		22,891.00										\$ 97,686	1
SP Pump & Repair	Layne and Bowler	\$ 20,070.00	244	1200	92.21	0.802	0.940	0.754	73.18	3472			
2	112	3,500.00	227	1400	100.22	0.801	0.940	0.753	79.54	2976			
		1,100.00	200	1600	103.55	0.780	0.940	0.734	82.18	2604	\$ 70,554		
		24,670.00										\$ 95,224	2

Note

1. NEMA nominal motor efficiency used for all pumps